

WE CLAIM AS OUR INVENTION

~~Patent Claims~~Sub B^A

1. A method for processing a digitized picture (100) with pixels,
 - 5 a) in which the pixels are grouped into picture blocks,
 - b) in which the picture is segmented into at least a first picture object (104) and a second picture object (105), at least one picture block being
10 assigned to at least a part of an edge of the first picture object,
 - c) in which information about the picture object is assigned to the at least one picture block,
 - d) in which the picture objects are coded with
15 different quality,
 - e) in which a quality specification indicating the quality with which a picture object is coded is assigned to at least one macroblock (102) contained in the corresponding picture object, and
20 f) in which the quality is determined by a spatial resolution.
2. The method as claimed in claim 1,
 - a) in which a plurality of picture blocks are in each case grouped to form a macroblock, and
25 b) in which a macroblock is assigned at least to the part of the edge.
3. The method as claimed in claim 2,
in which at least one luminance block of the macroblock is assigned at least to the part of the edge of the
30 first picture object.
4. The method as claimed in one of claims 1 to 3,
in which at least one picture block is assigned to the entire edge of the first picture object.
5. The method as claimed in one of claims 2 to 4,
35 in which information about the picture object is in each case assigned to all the macroblocks in which the edge is contained.

6. The method as claimed in one of claims 2 to 5,
in which the first picture object is addressed using a
macroblock address respectively assigned to a
macroblock.
- 5 7. The method as claimed in one of claims 2 to 6,
in which the second picture object is addressed using a
macroblock address respectively assigned to a
macroblock.
8. The method as claimed in one of claims 1 to 7,
10 used for coding a digitized picture.
9. The method as claimed in one of claims 1 to 7,
used for decoding a digitized picture.
10. The method as claimed in one of claims 1 to 9,
used in a mobile communications device.
- 15 11. An arrangement for processing a digitized picture
(100) with pixels,
having a processor which is set up in such a way that
a) the pixels are grouped into picture blocks (101),
b) the picture is segmented into at least a first
20 picture object (104) and a second picture object
(105), at least one picture block being assigned
to at least a part of an edge of the first picture
object, and
c) information about the picture object is assigned
25 to the at least one picture block,
that the picture objects are coded with different
quality,
that a quality specification indicating the quality
with which a picture object is coded is assigned to at
30 least one macroblock contained in the corresponding
picture object, and
that the quality is determined by a spatial resolution.

12. The arrangement as claimed in claim 11,
in which the processor is set up in such a way that
- a) a plurality of picture blocks are in each case
grouped to form a macroblock, and
 - 5 b) a macroblock is assigned at least to the part of
the edge.
13. The arrangement as claimed in claim 11 or 12,
used for coding a digitized picture.
14. The arrangement as claimed in claim 11 or 12,
10 used for decoding a digitized picture.
15. The arrangement as claimed in one of claims 11 to
14,
used in a mobile communications device.

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